

APPENDIX A



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

16777/315

OCTOBER 04, 2000

PTAS



101439198A

FOLEY & LARDNER
STEPHEN A. BENT
3000 K STREET, NW
SUITE 500
WASHINGTON, DC 20007-5109

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/27/2000

REEL/FRAME: 011002/0771
NUMBER OF PAGES: 4

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ALLELIX BIOPHARMACEUTICALS INC.

DOC DATE: 03/30/2000

ASSIGNEE:

NPS ALLELIX CORP.
6850 GOREWAY DRIVE
MISSISSAUGA
ONTARIO, CANADA L4V 1V7

SERIAL NUMBER: 08461436
PATENT NUMBER:


FILING DATE: 06/05/1995
ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

CANADA)
)
PROVINCE OF ONTARIO)
)
CITY OF TORONTO)
)
TO WIT:)

I, **JOHN DOUGLAS WILKIN**, a Notary Public in and for the Province of Ontario, by Royal Authority duly appointed, residing in the City of Toronto in the said Province DO HEREBY CERTIFY that the paper writing hereto annexed, the first page of which is stamped with an impression of my seal, is a true and correct photostatic copy of documents produced and shown to me out of custody of Blake, Cassels & Graydon LLP, Toronto, Ontario and purporting to be the original Articles of Arrangement of NPS Allelix Corp. dated December 23, 1999, the said photostatic copy having been compared by me, page for page, with the said original documents, an act whereof being requested I have granted the same under my hand and notarial seal of office to serve and avail as occasion shall or may require.

DATED at Toronto this 30th day of March, 2000.



A Notary Public in and for
the Province of Ontario



Ministry of
Consumer and
Commercial Relations

CERTIFICATE
This is to certify that these
articles are effective on

Ministère de
la Consommation
et du Commerce
CERTIFICAT
Ceci certifie que les présents
statuts entrent en vigueur le

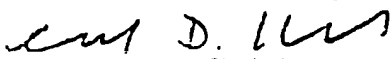
Ontario Corporation Number
Numéro de la société en Ontario

971482

NEW AMALGAMATION
NUMBER

1383941

DECEMBER 23 DÉCEMBRE, 1999


Director / Directeur
Business Corporations Act / Loi sur les sociétés par actions

**ARTICLES OF ARRANGEMENT
STATUTS D'ARRANGEMENT**

Form 8
Business
Corporations
Act

Formule 8
Loi sur les
sociétés par
actions

1. The name of the corporation is:

Dénomination sociale de la société:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|
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2. The new name of the corporation (if changed by
the arrangement):

Nouvelle dénomination sociale de la société si elle est
modifiée par suite de la l'arrangement:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
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3. Date of incorporation/amalgamation:

Date de la constitution ou de la fusion:

1991 December 18

(Year, Month, Day)
(année, mois, jour)

4. The arrangement has been approved by the
shareholders of the corporation in accordance with
section 182 of the Business Corporations Act.

Les actionnaires de la société ont approuvé l'arrangement
conformément à l'article 182 de la Loi sur les sociétés par
actions.

5. A copy of the arrangement is attached to these
articles as Exhibit "A".

Une copie de l'arrangement constitue l'annexe "A".

6. The arrangement was approved by the court on

La cour a approuvé l'arrangement le

1999 December 17

(Year, Month, Day)
(année, mois, jour)

and a certified copy of the Order of the court is
attached to these articles as Exhibit "B".

une copie certifiée conforme de l'ordonnance de la cour
constitue l'annexe "B".

7. The terms and conditions to which the scheme is
made subject by the Order have been complied with.

Les conditions que l'ordonnance impose au projet
d'arrangement ont été respectées.

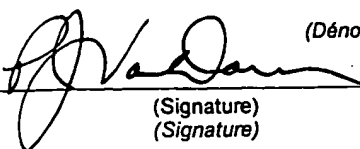
These articles are signed in duplicate.

Les présents statuts sont signés en double exemplaire.

ALLELIX BIOPHARMACEUTICALS INC.

(Name of Corporation)
(Dénomination sociale de la société)

By/Par:


(Signature)
(Signature)

Sr. Vice-Pres. & CFO

(Description of Office)
(Fonction)

EXHIBIT "A"
TO ARTICLES OF ARRANGEMENT OF
ALLELIX BIOPHARMACEUTICALS INC.

PLAN OF ARRANGEMENT

03-24-1999

FORM PTO-1595 (modified)
(Rev. 6-93)

REC



ET

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0011 (exp. 4/94)

100990601

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party:

ASTRA AKTIEBOLAGAdditional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party:

Name: ALLELIX BIOPHARMACEUTICALS INC.

Internal Address:

Street Address: 6850 Goreway DriveCity: Mississauga, Ontario, State: Canada ZIP: L4V 1V7

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: February 18, 1999Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/463,222, 07/806,271, 08/329,856, 07/239,145,
08/340,664, 08/461,436, 07/630,969

B. Patent No.(s)

5,646,015, 5,382,658, 5,208,041, 5,496,801,
5,223,407, 5,599,792Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Stephen A. BentInternal Address: Suite 500Street Address: 3000 K Street, N.W.City: Washington, State: DC ZIP: 20007-51096. Total number of applications and patents involved: 137. Total fee (37 C.F.R. §3.41) \$520.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 19-0741

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document.

3/24/1999 INVENTEN 00000073 5646015

1 FC:581

520.00

Stephen A. Bent

Name of Person Signing

Reg. No. 29,768

Signature

March 22, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 9827 FRAME: 0540

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned company:

ASTRA AKTIEBOLAG

having a place of business at

S-151 85 Soderalje
Sweden

owner of the invention rights in the United States of America and its territories and possessions to the below listed U.S. Patent, as evidenced in the Assignment records in the U.S. Patent and Trademark Office, and by these presents hereby sells and assigns, unto:

ALLELIX BIOPHARMACEUTICALS INC.

having an address at

6850 Goreway Drive
Mississauga, Ontario
Canada L4V 1V7

(hereinafter ASSIGNEE) all right, title and interest for United States, its territories and possessions thereof, in and to the inventions and the applications therefor, identified as follows:

| <u>PATENT NUMBER</u> | <u>ISSUE DATE</u> | <u>TITLE</u> |
|-----------------------------|-----------------------|--|
| H 1606-3 US US 5,646,015 | July 8 1997 | EXCRETION OF HETEROLOGOUS PROTEINS FROM E. COLI |
| H 1603-1 US US 5,382,658 | January 17, 1995 | STABILITY-ENHANCED VARIANTS OF PARATHYROID HORMONE |
| H 1601-1 US US 5,208,041 | May 4, 1993 | ESSENTIALLY PURE HUMAN PARATHYROID HORMONE |
| H 1605-1 US US 5,496,801 | May 5, 1996 | PARATHYROID HORMONE FORMULATION |
| H 1606-2 US US 5,223,407 | June 29, 1993 | EXCRETION OF HETEROLOGOUS PROTEINS FROM E. COLI |

US 5,599,792

February 4, 1997

**BONE-STIMULATING, NON-
VASOACTIVE PARATHYROID
HORMONE VARIANTS**

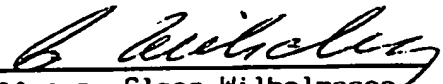
| <u>Serial No.</u> | <u>Filing Date</u> | <u>TITLE</u> |
|---------------------------|--------------------|---|
| H 1608-8 US 08/463,222 | June 5, 1995 | PRODUCTION OF HUMAN PARATHYROID HORMONE FROM MICOORGANISMS |
| H 1609-2 US 07/806,271 | December 13, 1991 | OXIDATION RESISTANT VARIANTS OF PARATHYROID HORMONE |
| H 1609-2 US 08/329,856 | October 27, 1994 | STABILITY ENHANCED VARIANTS OF PARATHYROID HORMONE |
| H 1606-1 US 07/239,145 | August 31, 1988 | EXCRETION OF HETEROLOGOUS PROTEIN FROM E. COLI |
| H 1608-6 US 08/340,664 | November 16, 1994 | PRODUCTION OF HUMAN PARATHYROID HORMONE FROM MICROORGANISMS |
| H 1609-7 US 08/461,436 | June 5, 1995 | PRODUCTION OF HUMAN PARATHYROID HORMONE FROM MICOORGANISMS |
| 07/630,969 | December 20, 1990 | PARATHYROID HORMONE VARIANTS |

including all reissue and extensions of Letters Patent granted for said invention; the Commissioner of Patents and Trademarks of the United States Of America being hereby authorized to transfer said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, such that the Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made.

The undersigned her by grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Company:
Astra Aktiebolag
(publ)

Date: 18.02.1999

By: 
Name: p.p. Claes Wilhelmsson
Title: Executive Vice President
Research & Development

Date: 18.02.1999

WITNESS: 

Date: 18.02.1999

WITNESS: 

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by certificate from a U.S. Consul.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 08, 1998

PTAS

LERNER, DAVID, ET AL
MICHAEL H. TESCHNER
600 SOUTH AVENUE WEST
WESTFIELD, NJ 07090



100579246A

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RECORDATION DATE: 11/20/1997

REEL/FRAME: 8806/0301
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GAUTVIK, KAARE M.

DOC DATE: 10/12/1997

ASSIGNOR:

ALESTROM, PETER

DOC DATE: 10/13/1997

ASSIGNEE:

ASTRA AKTIEBOLAG
S-151 85 SODERTALJE, SWEDEN

SERIAL NUMBER: 08340664
PATENT NUMBER:

FILING DATE: 11/16/1994
ISSUE DATE:

SERIAL NUMBER: 08463222
PATENT NUMBER:

FILING DATE: 06/05/1995
ISSUE DATE:

SERIAL NUMBER: 08461436
PATENT NUMBER:

FILING DATE: 06/05/1995
ISSUE DATE:

LDLK&M

JAN 14 1998

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8806/0301 PAGE 2

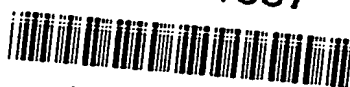
TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



11-26-1997

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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SHEET

RECEIVED DEPARTMENT OF COMMERCE
Patent and Trademark

NOV 20 1997

RECEIPT ACTING DIV.

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kaare M. Gautvik

Peter Alestrom

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date:

2. Name and address of receiving party(ies)

Name: Astra Aktiebolag

Internal Address:

Street Address: S-151 85 Sodertalje

City: State: Zip:

Country: Sweden

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/340,664

08/463,222

08/461,436

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MICHAEL H. TESCHNER

Internal Address: LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK

Street Address: 600 South Avenue West

City: Westfield State: NJ ZIP: 07090

6. Total Number of applications and patents involved: 3

7. Total Fee (37 CFR 3.41).....\$120.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

12-1095

11/26/1997 JSHABAZZ 00000015 DAB:121095 08340664
Sale Ref: 00000015 DAB: 121095 08340664
01 FC:581 120.00 CH

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MICHAEL H. TESCHNER

Name of Person Signing

Signature

November 18, 1997

Date

Total number of pages including cover sheet, attachments, and document: 2

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Washington, D.C. 20231